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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/632,296

07/31/2003

Edward E. Kelley

FIS920030056US1

5054

29371 7590 12/12/2007
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EXAMINER

LOUIE, WAE LENNY

ART UNIT

PAPER NUMBER

3661

MAIL DATE

DELIVERY MODE

12/12/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/632,296	Applicant(s) KELLEY ET AL.	
	Examiner Wae Lenny Louie	Art Unit 3661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10, 12-19 and 35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10, 12-19 and 35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments filed September 21, 2007, have been fully considered but they are not persuasive. In the remarks filed, applicant argued the following:

"Knockeart discloses techniques for using a removable device such as a PDA, in conjunction with a driver information system. The removable device is brought to a vehicle and data in the removable device is transferred to the vehicle. However Knockeart fails to teach or suggest the removable device providing instructions to the vehicle. Moreover, Knockeart fails to teach or suggest a portable agenda replication device instructing a vehicle navigation system to use an agenda to determine a route to follow to the destination based upon a requested time of arrival as set forth in Applicants claims 1, 9, and 35." Examiner disagrees. Knockeart clearly teaches the transmission of data from the portable device to the vehicle navigation system (col.8, lines 61-67; col.9, lines 1-15). As for the requested time of arrival, Knockeart discloses the "client application selects and downloads travel-related information that is associated with the specific itinerary" (col.10, lines 50-55). It would have been obvious to one of ordinary skill in the art to include the requested time of arrival information with the travel-related information associated with a specific itinerary as taught by Knockeart since travel-related data encompasses arrival information.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-10, 12-19 and 35 rejected under 35 U.S.C. 103(a) as being unpatentable over Knockeart et al (6,622,083).

Regarding applicant claim 1 and 9, Knockeart et al discloses a portable agenda replication device for transferring information to a vehicle navigation system, the portable agenda replication device including: An input mechanism for accepting entry of an agenda comprising a destination (col.10, lines 50-55, "client application selects and downloads travel-related information that is associated with the specific itinerary"); a storage mechanism, operatively coupled to the input mechanism for storing the agenda (col.5, lines 1-10); a processing mechanism operatively coupled to the storage mechanism for retrieving the agenda from the storage mechanism, for transmitting the retrieved agenda to the vehicle navigation system and for instructing the vehicle navigation system to use the agenda to determine a route to follow to the destination based upon the requested time of arrival (col.8, lines 61-67; col.9, lines 1-15).

Knockeart is silent concerning an input mechanism for accepting entry of an agenda comprising a requested time of arrival at the destination. Knockeart discloses the "client application selects and downloads travel-related information that is associated with the specific itinerary" (col.10, lines 50-55). It would have been obvious to one of ordinary

skill in the art to include the requested time of arrival information with the travel-related information associated with a specific itinerary as taught by Knockeart since travel-related data encompasses arrival information.

Regarding applicant claim 2, Knockeart teaches the storage mechanism stores personal agenda information including at least a first desired destination and a second desired destination (col.8, lines 61-67); and the processing mechanism upon receipt of a user-initiated command at the input mechanism, transfers the personal agenda information including the first and second desired destination to the vehicle navigation system (col.9, lines 4-10, lines 60-67).

Regarding applicant claim 3, Knockeart teaches a visual display associated with the storage mechanism and operable for viewing at least some of the personal agenda information stored in the storage mechanism (col.7, lines 63-67). Furthermore, Knockeart teaches allowing the user to select a desired destination (col.9, lines 23-27), Including selection means operable by the user for selectively point to portions of personal travel agenda information which would have been well known in graphical user interface display. It would have been obvious to one of ordinary skill in the art to include the well-known pointing devices to the system of Knockeart because including the user pointing device are known to be necessary in order to facilitate selection of certain item displayed on the display device.

Regarding applicant claim 4, including a program component for confirming transmission of data that constitutes the personal agenda information to the vehicle navigation system would have been well known and obvious. One of ordinary skill in

the art would have found it obvious to include the old and well known program for confirming transmission of data to the system of Knockeart because including a program for confirming correct transmission of data are known to ensure accurate transmission of data between two separate systems.

Regarding applicant claim 5, Knockeart teaches a component for transferring personal agenda information resident in the vehicle navigation system to the portable agenda replication device (col.10, lines 1-18).

Regarding applicant claim 6 and 13, Knockeart teaches a plurality of desired destinations to which a user desires to travel (col.9, lines 60-67; col.10, lines 36-41, lines 49-56) and a plurality of personal selections (col.10, lines 61-67). Furthermore, including information about a sequence in which the user wishes to travel to the desired destinations, information about desired time of arrival at each desired destination; and including desired date of departure, desired time of departure, cell phone preference, scenic route preference, toll road preference and express route preference in the user preference data would have been well known and obvious matter of design choice. One of ordinary skill in the art would have found it obvious to include the old and well known sequence of destinations in which the user need to travel and the preferences information such as the desired date of departure, the toll road preferences, etc. because including the information are known to be desirable for preparing travel plan before a journey.

Regarding applicant claim 7, including a program component for providing means to access an electronic calendar system including a list of planned appointments, for

specifying appointments that are to be replicated in an agenda table for later transfer to the vehicle navigation system by the portable agenda replication device; and for specifying transfer at least selected entries of personal agenda information to the vehicle navigation system. It would have been obvious to one of ordinary skill in the art to include the electronic calendar systems because they are well-known and are commonly found on portable devices like those of Knockeart's.

Regarding applicant claim 8, including the agenda table having fields operable to be loaded with descriptors that identify desired destinations to which a user desires to travel, desired times of arrival associated with each desired destination, and at least one other item of personal travel agenda information associated with desired destinations would have been well known features included in navigation devices available nowadays. One of ordinary skill in the art would have found it obvious to include the old and well known features to the navigation device of Knockeart because including the features in the navigation device allow accurate selection of optimal route in the navigation system.

Regarding applicant claim 10, Knockeart teaches transferring personal agenda information from the portable device to the vehicle navigation system (col.8, lines 61-67; col.9, lines 1-10). Storing data in a travel agenda table information the data table with the data transferred from the portable device taught by Knockeart would have been well known and obvious. One of ordinary skill in the art would have found it obvious to store data in an agenda table and to update the data table with the data transmitted from the

portable device of Knockeart because updating the table are known to be necessary to allow the user to arrange various travel agenda and to save memory usage.

Regarding applicant claim 12, Knockeart teaches the vehicle navigation system is installed in a specific automotive vehicle. Furthermore, providing instruction, the vehicle navigation system is instructed to perform route-planning for reaching destination from a current location of the vehicle as determined by the vehicle navigation system have been well known and obvious. One of ordinary skill in the art would have found it obvious to provide the navigation instruction for performing route planning or advising the navigation system to perform route planning from the current location determined by the vehicle navigation system because including instruction for the navigation system to provide route planning are known to be necessary in order for the user to command route planning from the portable device when the task for determining route planning is at the on-board vehicle.

Regarding applicant claim 13, refer to claim 6 above.

Regarding applicant claim 14, refer to claim 3 above.

Regarding applicant claim 15, allowing viewing of first portion of a planned route between a current location and the destination have been well known and obvious in currently available navigation devices. One of ordinary skill in the art would have found it obvious to allow viewing of the first portion of the planned route from the current location to the destination because including displaying first segment of the planned route are known to be necessary to provide the user step by step maneuver and navigation when he travels along the planned route.

Regarding applicant 16, refer to claims 1, 4, 6, 13 above. Furthermore, associating the personal preferences such as desired departure time with a second destination would have been well known and obvious matter of design choice. One of ordinary skill in the art would have found it obvious to include the old and well known features stated above to the system of Knockart because associating the personal preferences to each destination and gather the data to a memory device are known to be desirable in order to provide travel plan that is most suitable to the user and to facilitate data transmission.

Regarding applicant 17, Knockart teaches a wireless communications link (col.7, lines 1-9). Furthermore, including at least one of a short-range optical connection between a first transmitter receiver associated with the portable agenda replication device and a second transmitter receiver associated with the vehicle navigation system or a wireless connection between a first RF transmitter receiver associated with the portable agenda replication device and a second RF transmitter receiver associated with the vehicle navigation system is well known and obvious matter of design choice. One of ordinary skill in the art would have found it obvious to include the old and well known features stated above to the system of Knockart because wireless communication link would include a transmitter receiver.

Regarding applicant 18, Knockart teaches a short range low power communications link (col.7, lines 6-9).

Regarding applicant 19, since Knockart teaches a portable PDA or laptop computer system (col.6, lines 38-50) and since such the device are well known to be

powered by battery and to be light weight, Knockeart obviously encompasses the claimed limitation.

Regarding applicant claim 35, refer to claims 9 and 6 above.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wae Lenny Louie whose telephone number is 571-272-5195. The examiner can normally be reached on M-F 0700-1530.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G. Black can be reached on 571-272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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WLL


THOMAS BLACK
SUPERVISORY PATENT EXAMINER